

Date: Wed, 3 Feb 93 11:45:22 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #162  
To: Info-Hams

Info-Hams Digest                      Wed, 3 Feb 93                      Volume 93 : Issue 162

Today's Topics:

                    2 meter HT amplifiers  
                    [ANS] Club callsigns  
    Boosting the output power of a UHF pocket transmitter  
                    hams/internet  
                    Ham Sandwich Causes Cancer  
    Help needed with old callsign.  
                    Mail failure  
                    Message for Ed Tynan, W7HRD  
                    Microphone/Earphone Combos  
                    Mobile rig in Camry  
    More on No-Code -- Will this never cease?  
                    NiMH Battery source?  
                    Solar panel night discharging  
                    solar power fro ham shack.  
    Why won't any Delaware station QSL? (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 3 Feb 1993 03:26:37 GMT  
From: elroy.jpl.nasa.gov!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrgw2!psinntp!gdstech!  
gdstech!bat@ames.arpa  
Subject: 2 meter HT amplifiers  
To: info-hams@ucsd.edu

I bought the Ramsey 2m amp. It does 20 watss out with 1 watt in, and  
30 out with 5 in. Works great. But, near any cities, you have to

disable

the receive preamp inside, or your receiver will be swamped. And,  
dont buy the kit; get the one already built and tested.

--

```
*-----*
*      Pat Masterson          | KE2LJ@KC2FD          *
*      Grumman Data Systems   | 516-346-6316.   *
*      M/S D12-25             |                    *
```

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Date: 3 Feb 1993 04:11:22 -0600

From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!cs.utexas.edu!not-for-mail@network.UCSD.EDU

Subject: [ANS] Club callsigns

To: info-hams@ucsd.edu

In <1993Feb2.185336.24006@lynx.dac.northeastern.edu>

lkay@lynx.dac.northeastern.edu (leonard kay) writes:

% Three more, for the record:

%

% W1KBN, Northeastern University, Boston, since 1937 (Oldest club on campus)

%

% K2ZWI, University of Rochester (NY), since 1957

%

% W1PUO, U Massachusetts/Amherst (inactive)

%

W5AC, Texas A&M University, College Station, Tx., since 1912

T.M.K.

-----  
Internet: phantom@pro-haven.cts.com

KJ5GU/AE

UUCP: crash!pro-haven!phantom

Try 28.440MHz.....

For the latest breaking Aggie Jokes, Dial 1-800-AGGIE-IQ.....

".....and for the first time in twenty years in Waxahachie, Texas.....

.....it rained!" The Rocky and Bullwinkle Show

-----

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Date: 3 Feb 93 10:55:36 GMT

From: agate!spool.mu.edu!enterpoop.mit.edu!eru.mt.luth.se!lunic!sunic!uts!  
hb@ames.arpa

Subject: Boosting the output power of a UHF pocket transmitter

To: info-hams@ucsd.edu

Has anybody any ideas on how to improve the output power of those small pocket transmitters that car alarms uses?  
I want such a transmitter to be able to send about 0.5 to 1 km in a city.

Henrik.

--

-----  
! Henrik Bechmann !  
! hb@imsor.dth.dk !  
-----

-----  
Date: Mon, 1 Feb 1993 21:00:17 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sdd.hp.com!  
hpscit.sc.hp.com!hplextra!hpfcso!hplvec!tcline@network.UCSD.EDU  
Subject: hams/internet  
To: info-hams@ucsd.edu

> In rec.radio.amateur.misc, lyman@jato.jpl.nasa.gov (Peter T Lyman) writes:

>

> I think someone maintains a list of hams on the internet.

> (or something close to that)

>

> It would be nice if someone would post pointers to that list,

> and/or mail me the answer.

>

> Peter T. Lyman -----|

> | NET: lyman@SpaceSoft.Com TEL: 818-794-4170 |

> | NET: lyman@jpl.nasa.gov FAX: 818-791-5020 |

> -----73 de KK6QP ....-

My "Amateurs on USENET List Nov 1992" list was posted on  
rec.radio.amateur.misc by mark@ve6mgs.ampr.org (Mark G. Salyzyn).

Email me if you need my (outdated?) copy.

73's

----

Ted Cline, NØRQV  
tcline@hpislx.lvld.hp.com  
ted\_cline@hpisla.lvld.hp.com  
VOICE: (303) 679-2352

VXI Systems Division  
Hewlett-Packard, M/S CU-325  
815 14th Street SW  
P.O. Box 301

FAX: (303) 679-5971

Loveland, CO 80537 USA

-----  
Date: Wed, 3 Feb 93 08:28:20 GMT  
From: agate!spool.mu.edu!news.nd.edu!mentor.cc.purdue.edu!noose.ecn.purdue.edu!  
en.ecn.purdue.edu!n9ljx@ames.arpa  
Subject: Ham Sandwich Causes Cancer  
To: info-hams@ucsd.edu

In article <93033.220652PJC130@psuvm.psu.edu> <PJC130@psuvm.psu.edu> writes:  
>In article <77997@apple.apple.COM>, rbn@Apple.COM (Robert B. Neville) says:  
>>  
>>...but only if you cook it with the high RF output of a cellular telephone  
>>modified for 900MHz use.  
>  
>Only if the phone's battery is sitting on concrete...

and your are using it to order a pizza...

--  
Scott Stambaugh - N9LJX                   internet: n9ljx@ecn.purdue.edu  
Operations Supervisor, ADPC           phone: 317 494 7946  
Purdue University  
West Lafayette, IN 47907-1061

-----  
Date: Wed, 3 Feb 1993 14:03:37 GMT  
From: news.cerf.net!netsys!agate!spool.mu.edu!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!  
ncrgw2!psinntp!gdstech!gdstech!bat@network.UCSD.EDU  
Subject: Help needed with old callsign.  
To: info-hams@ucsd.edu

I looked in my 1961 callbook. Oddly, there are no KN7s in the first dozen pages. The call you guessed (KN7HDS) was not listed. I quick scanned to the end of the 7's, and didnt see your name. If you have a better idea of the call, email me, and I'll look again.

--  
\*-----\*  
\* Pat Masterson | KE2LJ@KC2FD \*  
\* Grumman Data Systems | 516-346-6316. \*  
\* M/S D12-25 | \*  
-----

Date: 3 Feb 93 19:42:00 GMT

From: news-mail-gateway@ucsd.edu  
Subject: Mail failure  
To: info-hams@ucsd.edu

[002] Mail was received that was addressed to the following unknown addresses:  
PAYLOADS/ALPINEVALL/MCCASKEYA

-----  
Return-Path: <info-hams@ucsd.edu>  
From: info-hams@ucsd.edu  
Message-Id: <9302031635.AA23714@plkmail>  
Date: Wed, 3 Feb 93 04:30:00 EDT  
To: MCCASKEYA%ALPINEVALLEY@3mail.ksc.nasa.gov  
Subject: Info-Hams Digest V93 #160

Info-Hams Digest                      Wed, 3 Feb 93                      Volume 93 : Issue 160

Today's Topics:

                    Ham Radio Causes Cancer!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
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herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Tue, 2 Feb 1993 19:47:20 GMT  
From:  
mvb.saic.com!unogate!news.service.uci.edu!usc.edu!howland.reston.ans.net!spool.  
.mu.edu!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpl-opus!hpnmdla!alanb@network.UCS  
SD.EDU  
Subject: Ham Radio Causes Cancer!  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, chuck@eng.umd.edu (Chuck Harris - WA3UQV) writes:

>In article <1993Jan28.235637.1@ttd.teradyne.com> rice@ttd.teradyne.com  
writes:

>>

>>Wonder what the field is under an Electric Blanket ?

>Near nil, because the heating "coils" are just a long piece of coax with  
>a resistive center conductor, and a short between the center conductor and  
>the shield at one end.

It depends. The blankets for sale nowadays use special low-emission wire to reduce the field strength. However older models (like the kind I have) use a grid of conventional wires. Since the user's body is right next to the wires, the field level is pretty high.

AL N1AL

"Using the electric blanket every night and not worrying about it."

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End of Info-Hams Digest V93 #160

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Date: 3 Feb 93 18:35:17 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Message for Ed Tynan, W7HRD  
To: info-hams@ucsd.edu

Ed please email your address to me so that I can send you the  
TH-11 info. My email to you bounces.  
73 Mike N6MZ mikemr@microsoft.com

-----  
Date: 3 Feb 1993 08:00:38 GMT  
From: saimiri.primate.wisc.edu!usenet.coe.montana.edu!news.u.washington.edu!  
hardy.u.washington.edu!derry@ames.arpa  
Subject: Microphone/Earphone Combos  
To: info-hams@ucsd.edu

Does anyone have an earphone/microphone combination? I've seen a few of them...one from Genesys and one from Comet. Actually...<blush>...I'd like one of the Secret Service looking ones...

Anything I should look at and/or stay away from? Thanks! :) Derry N7YPG

--

|                               |                                   |
|-------------------------------|-----------------------------------|
| Derry Lyons - N7YPG           | "Sometimes you're the windshield, |
| ...they call it a B.S. degree | sometimes you're the bug."        |
| for a reason...               | -- Dire Straits                   |
| Call derry@u.washington.edu / | If no answer: derry@afsc.noaa.gov |

-----  
Date: 3 Feb 1993 09:32:47 -0500  
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!zaphod.mps.ohio-state.edu!  
darwin.sura.net!opusc!opusc!not-for-mail@network.UCSD.EDU  
Subject: Mobile rig in Camry  
To: info-hams@ucsd.edu

There was a thread here several months ago concerning the Toyota Camry's computer being susceptible to RF from a mobile rig. Sure enough, my owner's manual warns against installation of anything other than a cellular phone without "consulting the service department". Well, the service department hasn't a clue. Opinions from fellow hams vary from, "use teflon coax, to "shield the computer", etc. Nearly everyone has heard the tale of Camry's propensity to die at the pressing of a mic button, but none can remember where or when.

Has anyone had experience with such an installation, or offer advice?

Any suggestions would be much appreciated.

73, David, KQ4KT

dfrey@isc.scarolina.edu (faster)

-----  
Date: 2 Feb 93 14:07:44 EST  
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sdd.hp.com!ncr-sd!ncrcae!  
ncrhub2!ncrgw2!psinntp!arrl.org@network.UCSD.EDU  
Subject: More on No-Code -- Will this never cease?  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, tedwards@eng.umd.edu (Thomas Grant Edwards) writes:

>In article <9301311128.aa12218@jackatak.raider.net> root@jackatak.raider.NET  
(Jack GF Hill - Sysop [HOME]) writes:

>>\*IF\* you want to play on HF, you must learn CW. Simple. Straight-  
>>forward, backed by law and treaty.

>Yeah, but the treaty proclaims one must know Morse Code.

>It is up to the individual nation to set up particular testing  
>requirements. There is no legal reason why 5 WPM cannot be the  
>speed at which american amateurs gain SSB access to all HF bands  
>instead of just the one which dissappears every 22 years...

I have watched this thread develop with great interest. As an avid Morse Code (known as CW to hams) enthusiast (we DO have a few here at HQ, along with a few no-code Extras :-)), I would like to interject my PERSONAL comments. Please do not confuse them with League policy, or read anything more into them than the fact that I like CW and want to see it continue to be a part of the Amateur Radio Service.

Not all countries of the world have the developed technology that is found in some parts of every populated continent. What is "old hat" technology to us (Morse Code) is not antiquated technology to all countries or all country's Amateur Radio operators. There are many places in this world where a 10-watt CW-only transmitter would be quite the accomplishment for the average citizen interested in ham radio. This may be part of the reason that a requirement for knowledge of code is still required by international treaty.

There are other possible reasons. I feel that it is easier to communicate with someone who does not share my language if that communication is carried on in code using "Q" signals along with words universally recognized by hams everywhere, such as "rig" "bureau" "name", etc. Not that this couldn't be done using voice, it just seems easier using CW, considering how CW eliminates the difficulties of pronunciation. CW is one of two modes that are usually decoded directly by the operator -- voice being the other. Of the two, CW is certainly the easiest to implement using simple technology. It also outperforms most voice operation in low-power, high-noise operation.

Most hams seem to agree that, if Morse Code is required by International treaty, then it should remain part of the requirements to obtain an HF amateur license in the US. What seems to be at issue is the necessary code speed that should be required to obtain a General class or higher license.

It is my opinion that the code-speed requirements should be left approximately as they are right now. \*IF\* there are \*good\* reasons to have an international requirement for retaining the requirement for knowledge of code, it seems to me that if that knowledge is to be more than an exercise to obtain a license then \*proficiency\* in that code is also a desirable thing. I believe that when one gets up to speeds of 10-15 words per minute, one is becoming proficient in code, having learned a skill that will never really disappear. Ten years later, one may have slowed down a bit, but will still retain the knowledge of Morse Code that is the intent of the requirement. I do not believe that initially attaining 5 words per minute will result in long-term retention of skills without long-term use.

Attaining 20 words per minute for the additional CW privileges



given for the US Extra Class operator makes sense. On the other hand, it does NOT make sense to me to require 20 words per minute for the phone privileges given to the Extra. I think the license structure would make more sense if the additional CW requirement were for additional CW privileges only. Of course, I can say this because (being 99% CW), I pay little heed to what happens in the upper part of the HF ham bands. :-).

I guess it all boils down to a decision of "knowledge" vs. "proficiency." If the ultimate goal is proficiency, then I think a level of skill that is expected to be permanent is an appropriate level for the significant HF privileges granted to the General Class licensee.

Just a humble, personal opinion.

73 to all, Ed -- KA1CVN

-----

Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.

ehare@arrl.org

Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing

You will never put the puzzle together  
if you keep putting all the pieces  
back in the box.

-----

-----

Date: 2 Feb 93 17:28:47 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!sdd.hp.com!ncr-sd!ncrcae!  
ncrhub2!ncrgw2!psinntp!lupine!hansen1!phil@network.UCSD.EDU

Subject: NiMH Battery source?

To: info-hams@ucsd.edu

Has anyone seen a source for NiMH batteries?

I would like to get some 'AA' type for my radios...

Phil  
de kj6nn  
phil@ncd.com

-----

Date: Wed, 3 Feb 1993 18:10:21 GMT

From: pacbell.com!ptsfa!dmtur@network.UCSD.EDU

Subject: Solar panel night discharging

To: info-hams@ucsd.edu

In article <9302021755.AA09161@westport.trirex.com> bmehlman@trirex.COM (Ben Mehlman) writes:

>

>If your drain is low, just use a 1N4004, which is a 4 amp diode.

^

>Really, you could just go to rat shack and pick up a blister pack of  
>10 amp diodes and you'd be set, for about \$2.

I don't have proper data books handy but a DigiKey catalog says that a 1N4004 is a 1 Amp. Max. Avg. Rect. Current diode with a Max. Peak Reverse Voltage of 400 volts. It will handle a Max. Surge Current of 50 Amps for 8.3 milliseconds. Its Max Reverse Current @ 25 C is 5 uA.

--

Dave Turner (510) 823-2001 {att,bellcore,sun,ames,decwrl}!pacbell!dmturne

-----  
Date: 3 Feb 93 18:39:23 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: solar power fro ham shack.  
To: info-hams@ucsd.edu

This person is a ham, btw. KC7BX

>Backwood Cabin Electric Systems  
>Steve Willey  
>8530 Raptic Lightning Creek Rd  
>Sandpoint ID 83864  
>(208) 263-4290

-----  
Date: 3 Feb 93 16:08:45 GMT  
From: news.cerf.net!netsys!agate!spool.mu.edu!hri.com!noc.near.net!lynx!  
lkay@network.UCSD.EDU  
Subject: Why won't any Deleware station QSL?  
To: info-hams@ucsd.edu

In article <C1uMsM.M43@acsu.buffalo.edu>,  
v111qheg@ubvmsb.cc.buffalo.edu (P.VASILION) writes:  
> How come, after a good many CW and SSB QSO's has not one Del. station  
> returned  
> a QSL card request? Are not any of you proud of your call? :-)

>  
> 73 de Peter KB2NMV  
>  
> PSE QSL

Gee, Peter, almost every DE station I've worked has (about 10-15).

Things to try are: 1) Did you ask them for a QSL during the QSO?  
(Not exactly doable if a contest QSO, but then again, testers  
are good QSLers) It helps if the station is expecting your card.  
2) Did you send a postcard, or did you supply return postage or SASE?

I've found many people won't reply w/o return postage. It's not really  
a sad commentary, as many people say, but just a reflection of the  
times. Many hams don't care at all about QSLing and don't even have  
cards.

QSLing is an art. Keep at it!

Len  
(we QSL 100%!)

```
-----  
Dr. Leonard Kay, KB2R          | "But we are not dealing with the  
Electrical and Computer Engineering | normal world. We are chasing DX."  
Northeastern University, Boston  | -- W9KNI, 'The Complete DXer'  
NU ARC: W1KBN 145.31(-)         |  
Packet: KB2R@K1EA              | #include <disclaimer.h>  
-----
```

-----  
Date: Wed, 3 Feb 1993 17:56:52 GMT  
From: csus.edu!netcom.com!mont@decwrl.dec.com  
Subject: Why won't any Delaware station QSL?  
To: info-hams@ucsd.edu

In article <1993Feb3.153404.3905@cbnewsm.cb.att.com> jeffj@cbnewsm.cb.att.com  
(jeffrey.n.jones) writes:

>In article <C1uMsM.M43@acsu.buffalo.edu> v111qheg@ubvmsb.cc.buffalo.edu  
(P.VASILION) writes:

>>How come, after a good many CW and SSB QSO's has not one Del. station returned  
>>a QSL card request? Are not any of you proud of your call? :-)

>>

>>73 de Peter KB2NMV

>

>I sent a SASE to the station that worked me when I called CQ DE. Got it back  
>about 2 weeks later. One of the last states I needed for CW WAS. I would  
>suggest that you try that as the rare states are almost like rare DX

>and get a lot of requests for QSLs. Maybe we'll have to start sending  
>green stamps? 8-)  
>  
>73!  
>

If you want you can even take this a step further. Buy some of those blank QSL cards, type in their callsign and address, fill in the QSO info, stick a stamp on it and address it to yourself. Stick it, and your QSL card in an envelope and mail it to them. Now while there still standing by the mailbox, they can just stick it back in and raise the flag.

This may be opening a can of worms, but... If you addressed the envelope to the postmaster of the Delaware Post Office with a note asking him/her to put the enclosed QSL card in the mail, would they do it?

What if you addressed an envelope to yourself, put a stamp on it, enclosed it into another envelope and mailed that envelope to the postmaster, would it be allowable for them to discard, open, or otherwise not mail the inside letter? If they did not mail it, couldn't that be considered tampering with the mail? After they opened the outside envelope, how could they prove that the inside letter was place into the mail at that post office by someone?

73,

--

Mont Pierce

```
+-----+
| Ham Call: KM6WT           Internet:  mont@netcom.com       |
|   bands: 80/40/20/2       IBM vnet:  mont@vnet.ibm.com     |
|   modes: cw,ssb,fm        |                                |
|   qth: Fremont, CA        Religion:  Jehovah's Witnesses   9/72 |
+-----+
```

-----  
Date: Wed, 3 Feb 93 02:51:27 CST  
From: mvb.saic.com!unogate!news.service.uci.edu!usc.edu!cs.utexas.edu!  
news.uta.edu!utacfd.uta.edu!rwsys!ricksys!news@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Jan30.162433.16510@ke4zv.uucp>,  
<1993Feb1.033120.10945@en.ecn.purdue.edu>,  
<1993Feb1.163215.19299@cbnewsm.cb.att.com>ys  
Subject : Re: Heavy fist on 20 meters.

jeffj@cbnewsm.cb.att.com (jeffrey.n.jones) writes:

> In article <1993Feb1.033120.10945@en.ecn.purdue.edu> n9ljx@en.ecn.purdue.edu  
> (Scott A Stombaugh) writes:  
>>>>  
>>>>Is there anyone here that thinks a gorilla or a chimp could learn CW? How  
>>>>about it, you animal experts?  
>>>  
>  
> If you stuck 1000 monkeys in a room all with paddle keyers would they  
> eventually have CW QSOs or would it always just sound like a big pileup? 8-)  
> Then again they might all just hold out for their No-code tech license. 8-)  
> Maybe one monkey would get his Extra so he could be Top Banana. 8-)  
> Let's get some humor in newsgroup please. 73!

Maybe they would send the complete works of Shakespeare? 8-)

--

Internet: rick@ricksys.lonestar.org

If I bounce (the maps have errors that I have no control over) then use  
bo836@cleveland.freenet.edu

BITNET: bo836%cleveland.freenet.edu@cunyvnm

-----

Date: 3 Feb 93 17:56:39 GMT

From: news-mail-gateway@ucsd.edu

To: info-hams@ucsd.edu

References Faunt, N6TQS, 415-688-8269)

Subject : Real Hams Pass British Exams?

So, what does it take for a US citizen to take the exam? When are the  
exams given? Where?

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End of Info-Hams Digest V93 #162

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